

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

0213
Fleck's

SEASONABLE OFFERS

FOR ITEMS NOT LISTED IN THIS FOLDER
SEE OUR 1952 GENERAL CATALOG

Return Postage Guaranteed

If addressee has moved and new address
is known, notify sender on [FORM 3547]
postage for which is guaranteed.

RAYMOND A. FLECK, Inc.

1042 Allengrove St. Philadelphia 24, Pa.

Mr. Smallwood

LIBRARY
U.S. DEPT. OF AGRICULTURE
WASHINGTON 25, D.C.

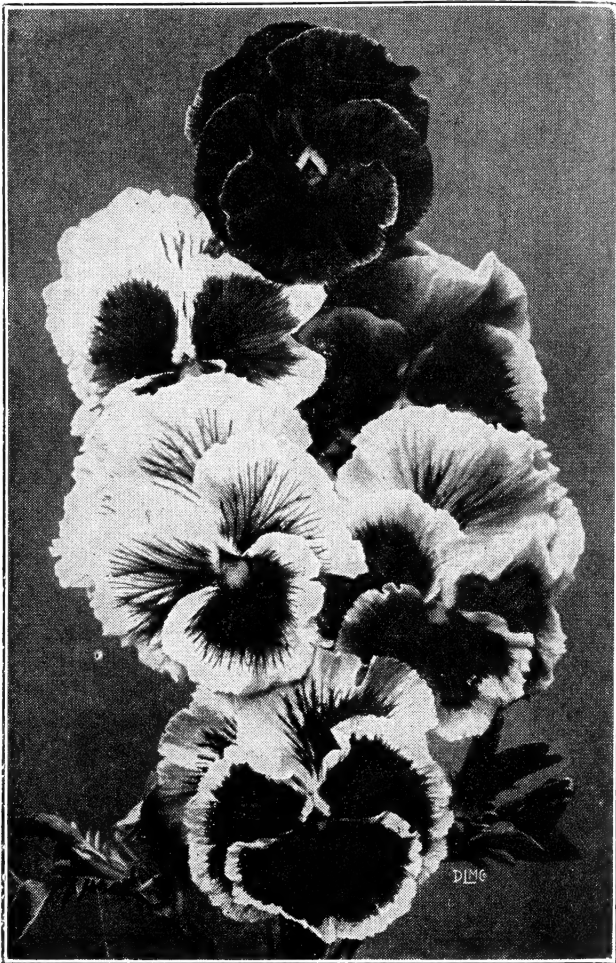


Fleck's Fine Pansy Seeds 25,000 S

ALL THE BETTER STRAINS

We offer seeds produced by specialists. No finer strains or selection offered anywhere. Pansies as well as Violas can be started in January, for sale in pans or out of flats during late Spring in bloom.

Write for prices on pound lots



Pansies

SEPARATE COLORS

Alpenglow. Rich garnet and ruby shades with dark blotches.

Azure Blue. Light blue.

Berna. Dark, velvety violet blue.

Coronation Gold. Large, golden yellow without blotches or markings.

Firebeacon. Brick red.

Fireglow. Glowing bronze apricot.

Orange Giant. Orange yellow, or light orange.

Raspberry Rose. Carmine blotch on soft pink ground. Distinctive.

Rheingold. Deep golden yellow with large black blotches on lower petals.

Ullswater (Lake of Thun). Marine blue with darker blue blotches showing through.

White (Mont Blanc). Large pure white, free flowering. Tr. pkt. 75c., 1/16 oz. \$1.10, 1/8 oz. \$1.75, 1/4 oz. \$2.85, oz. \$9.85, 4 ozs. \$30.00

Black King. A distinct black until Summer when a purplish tint predominates. Tr. pkt. 90c., 1/8 oz. \$2.50, 1/4 oz. \$4.50, oz. \$18.00.

FLECK'S WINTER FLOWERING GIANTS

Tall growing greenhouse strain is especially produced for florists, for Winter and early Spring cut flowers. Good range of colors. Sweet-scented, long-stemmed, about 10 in. Blooms about 2 to 3 in. across. Does well from a July or August sowing.

1/2 tr. pkt. 60c., tr. pkt. \$1.00, 1/16 oz. \$1.50, 1/8 oz. \$2.50, 1/4 oz. \$4.75

Fleck's Giant Mixture of Dwarf Strains. Swiss types very dwarf, compact; extra early flowering. Complete range of colors, running to brighter sorts.

Tr. pkt. 60c., 1/8 oz. \$1.35, 1/4 oz. \$2.50, oz. \$7.90, 1/4 lb. \$27.50

Fleck's Jumbo Mixed (Mastodon Strain). An early, large-flowered mixture, producing long-stemmed flowers. Grown from originator's stock specially for us. Wide range of colors.

Tr. pkt. 60c., 1/8 oz. \$1.35, 1/4 oz. \$2.60, oz. \$9.00, 1/4 lb. \$30.00.

Fleck's Mammoth Exhibition. Choice mixture of large-flowered Swiss Strains.

Tr. pkt. 60c., 1/8 oz. \$1.25, 1/4 oz. \$2.35, oz. \$8.50

Fleck's Rainbow Mixture. Brilliant, large-flowered varieties compounded for the large grower.

Tr. pkt. 50c., 1/8 oz. \$1.15, 1/4 oz. \$2.00, oz. \$7.00, 1/4 lb. \$24.00.

America Mixture. Extremely bright, early flowering and dwarf. Good variety of colors.

Tr. pkt. 60c., 1/8 oz. \$1.45, 1/4 oz. \$2.45, oz. \$8.00

Engelmann's Giant Mixed. Early, compact, robust grower; flowers average nearly 4 in. across on heavy stems. Both light and dark shades, good percentage of bronze and reds.

Tr. pkt. 70c., 1/8 oz. \$2.10, 1/4 oz. \$3.50, oz. \$11.90

Felix. Wide color range. Vivid colors with contrasting veined throat.

Tr. pkt. 90c., 1/8 oz. \$2.90, 1/4 oz. \$4.50, oz. \$13.50

Macdonald's Scottish Exhibition Strain. 4 in. flower, new and varied color combinations, running to intense, heavily blotched flowers.

Tr. pkt. 60c., 1/8 oz. \$1.75, 1/4 oz. \$3.40, oz. \$10.90

Maple Leaf Giants Super Mixture. Large-flowered, good bloomer. Compact, luxurious, dark green foliage and large leaves.

Tr. pkt. 60c., 1/8 oz. \$1.50, 1/4 oz. \$2.70, oz. \$8.90

Masterpiece. Ruffled and frilled giant blooms. Nice range of colors.

Tr. pkt. 60c., 1/8 oz. \$1.35, 1/4 oz. \$2.60, oz. \$9.00

Swiss Giants, Choice Mixed. From stock seed of European and domestic strains with straight colors of Roggli type added, makes this a really high grade mixture. Flowers average 3 to 4 in.

Tr. pkt. 60c., 1/8 oz. \$1.10, 1/4 oz. \$1.90, oz. \$6.50

Super Swiss Giants Mixed, Improved. An improvement on the original strain. Enormous flowers, fine color range, well marked, many ruffled and curled. Long stems. Sturdy grower.

Tr. pkt. 60c., 1/8 oz. \$1.35, 1/4 oz. \$2.60, oz. \$9.00

Trimardeau Improved Mixed. Unsurpassed for mass of color for all bedding purposes. Tall grower. Extremely floriferous. Full color range and combinations having both blotched and self colors.

Tr. pkt. 40c., 1/8 oz. 75c., 1/4 oz. \$1.25, oz. \$4.50, 1/4 lb. \$15.00

Antirrhinum

ALL THE BEST—Greenhouse Forcing "SNAPS"

Originator's Packets

Special Note—Seed should be sown late June or July for Winter flowering in Northern States. Late July or early August in Southern States. High temperatures retard germination. Select a cool location for the seed flats where there is good air circulation. Water sparingly but keep moist, until seedlings are well established. We recommend using sterilized soil and it should not be fertilized. Dust seeds with Proliferol or Hormo-Root before sowing.

Our New Varieties for 1952

ROCKWOOD'S HYBRID WHITE NO. 5

A fine white for Fall and early Winter blooming, flowers are large and well formed, stems wiry and heavy. Season—late September to June. Pkt. \$3.00

ROCKWOOD'S HYBRID YELLOW NO. 10

A fairly deep yellow, well formed flowers, stems heavy and stiff. Season—late September to June. Pkt. \$3.00

ROCKWOOD'S HYBRID RED NO. 15

Brilliant scarlet, large, well formed flowers, stems wiry and fairly heavy, early and a good variety for Fall and early Winter blooming. Season—late September to June. Pkt. \$3.00

ROCKWOOD'S SMOKY BRONZE

A novelty color for late Spring and Summer blooming only. Season—May to early September. Pkt. \$3.00

HYBRID VARIETIES

For best results, do not pinch Hybrid varieties until after benching, and shift before pot bound.

	Tr. pkt.
Barbara (Yoder) (New Hybrid). Large-flowered bronze with pink throat.....	\$3.00
Better Times (Windmiller). Rich American Beauty Rose red (for Christmas).....	2.00
Christina (Yoder Bros.). New hybrid. Lively medium pink.....	3.00
Christmas Cheer (Windmiller). Beautiful bright pink. Best for December cutting; comes back for fine second crop.....	3.00
Dorcas Jane (J. S. Yoder). Brilliant rose pink.....	2.50
Goldmine . Hybrid double.....	3.00
Jubilee (Winkler). Light Apricot bronze.....	3.00
Mary Ellen (J. S. Yoder). Hybrid early; light rose pink.....	2.50
Maryland Pink (Winkler). Improved, early, light pastel pink.....	3.50
Maryland White (Winkler). Early paperwhite.....	3.50
Meine's Hybrid White . New. Jumbo florets. Same shade as Margaret.....	3.00
Patricia (Yoder) (New Hybrid). Medium yellow. Habit similar to Margaret.....	3.00
Priscilla Ann (Yoder) (New Hybrid). Early crimson, trace of yellow on lips.....	3.00
Red Wing (Weddle) (New Hybrid). Early, velvet red.....	3.00
Rockwood's Early Hybrid Pink . Pastel pink. One of the best early and All-Season varieties. Produces good flowers from September to June.....	3.00
Snow (Pan. Amer.) (New Hybrid) Pure white.....	3.00

SELF-POLLINATED VARIETIES

WHITE

Tr. pkt.

Crystal White (New, 1949) (Rockwood). Excellent late variety. Does well late Spring and Summer. For Spring crop—bench by November 1st. For Summer single stem culture bench June 1-15.....	\$3.00
Junglewood White . Early dazzling white.....	2.00
Koester's White . Early pure white.....	1.50
Margaret (J. S. Yoder). Ivory white.....	2.00
Rockwood's Early White . Pure white.....	2.00
Rockwood's Ivory . Rich ivory shaded white. Best white for the Mother's Day market.....	2.00
Snowdrift (Pan. Amer.) (New Double White).....	3.00
Yuletide (Schlegel). Early.....	2.00

PINK AND ROSE SHADES

Delworth's Supreme . Rose pink.....	1.50
Gilbert's Pamela Pink . Early medium pink.....	3.00
Gilbert's Pink Supreme . A fine early pink.....	2.00
Maiden's Blush (Thomson). Early Appleblossom....	1.50
Peggy Schumann (Schumann). Early. Medium rose pink.....	2.00
Rockwood's Pink Supreme . Brilliant rose pink at its best in midseason.....	2.00

RED

Schumann's Velvet Red (New).....	3.00
---	------

YELLOW

Carol Jean (Dornacher). Shade lighter than Ethel. Large blooms.....	2.00
Ethel (Kramer). Large bright yellow; very early.....	1.50
Gilbert's Yellow	2.00
Meine's Easter Yellow . Late. Jumbo florets. Double.....	3.00
Peggy Schumann Yellow	2.00
Rockwood's Winter Yellow . Beautiful yellow; one of the best.....	2.00
Rockwood's Canary Yellow . Slightly variegated; medium to late.....	2.00
Sunray (Witterstaetter). Large flowers; long spikes....	1.50

BRONZE AND ORANGE SHADES

Bronze "Christmas Cheer" (Schlegel). Rich bronze. Early.....	2.00
Colorado Peach (Imp. Afterglow). Medium early...	3.00
Gilbert's Bronze Beauty . Improved.....	2.00
Lady Dorothy (Spivak). Perfect early bronze.....	3.00
Rockwood's Lavender Bronze . New two-tone.....	3.00
Schlegel's Early Bronze	2.00

LAVENDER

Bertha Baur (Schumann). Early.....	1.50
Rockwood's Lavender Rose . Fine for Easter and Mother's Day markets.....	2.00
Rockwood's Winter Lavender . Same color as Lavender Rose but much earlier. Blooms with Rockwood's Winter Yellow.....	2.00
Schumann's Lavender	2.00
Windmiller's Lilac . Early lilac lavender.....	2.00

SPECIAL NOTICE

Antirrhinums

Based on observations and experiments for the past few seasons, we find that . . .

Hybrid varieties are best for early sowings for maturity late September to February.

For later blooming we advise the better self-pollinating varieties we list, as they seem to crop longer during Spring than the Hybrids do.

Hot weather varieties for June, July and August are very limited. For this purpose we recommend: CRYSTAL WHITE, LAVENDER ROSE, SMOKY BRONZE and SCHUMANN'S RED.

While Hybrid varieties can be grown for the Summer cuts, we do not recommend them, as they do not make a good size bloom as the four varieties mentioned.



Meine's "Easter Yellow"
New—Finest Double

CALENDULAS

3000 S

One of our specialties. We offer the finest strains available anywhere. None better.

GREENHOUSE VARIETIES

Fleck's Orange. A fine, reselected strain for florists. Orange red with dark center. Very large, double flowers with long orange petals. Vigorous habit, long stems. 30 to 36 in.

Apricot Beauty (New). Superior in every way to Ball Apricot Improved.

Ball Apricot Improved. Buff color with dark eye.

Ball Lemon Queen. Lemon yellow with brown eye.

Ball Improved Long Orange. Long stemmed; large flowered variety. Golden orange with light eye.

Campfire Sensation. Intense orange.

Tr. pkt. 35c., 1/4 oz. 55c., oz. \$1.95, 2 ozs. \$3.45,
1/4 lb. \$6.25

Fleck's Special Florists' Mixture.

Tr. pkt. 35c., 1/4 oz. 50c., oz. \$1.50, 2 ozs. \$2.50,
1/4 lb. \$4.90

CALCEOLARIA

Approximately 10,000 S to 1/64 oz.

Calceolaria do not like direct sun but a light, airy place and temperature around 50 degrees.

To finish in 6-inch pot for Easter sow seeds June-July. To finish in 5-inch sow about August 15. For 4-inch sow about September.

Tr. 1/128 1/64
pkt. oz. oz.

Multiflora nana, Mixed. Flowers profusely; of medium size; gay colors. Very popular. . . . 1/32 oz. \$8.00, \$1.00 \$2.35 \$4.35

Triumph Strain (Hybrid). Outstanding; bright shades of yellow, orange, red and rose. Large flowers, mostly tigered or spotted. . . . 1.00 1.75 2.75

CINERARIA

All the Better Strains

Berlin and Sitters run about 3600 S to 1/32 ounce. Others about 5000 S to 1/32 ounce. Sow from June on for Christmas and later flowering. Sow in sterilized soil.

Tr. 1/64 1/32 1/16

Berlin or Potsdam Strain, Mixed. pkt. oz. oz. oz.
Fine strain producing large rounded heads; medium large flowers, compact plants. . . . \$1.00 \$1.75 \$3.20 \$6.20

Cremer's Prize Strain Mixture.

Excellent florists mixture; about half light eyed. . . . 1.50 2.25 4.00 7.50

Originator's seed available in pkts. only

Grandiflora, Dwarf Mixed. Hybrid.

Improved large flowered strain. Fine color range. . . . 1.00 1.75 3.25 . . .

Multiflora nana, Gold center. Attractive shades with gold centers. . . . 1.00 2.00 3.50 6.75

Multiflora nana Mixed. Dwarf compact plants producing masses of small flowers. . . . 1.00 2.00 3.50 6.50

Siter's Rainbow Mixture. Large-flowered, compact; mostly white eyed and small foliage. . . . 2.00 2.50 4.50 8.00

Fleck's Blend. This is a carefully blended mixture containing all of the above. 75% being Cremer's and Siter's strains. . . . 1.50 2.25 4.00 7.00

LARKSPUR

SUPREMES—IMPROVED GIANT IMPERIALS—4 ft.

Base branching, tall, upright.

Dark Blue	Pink	Salmon
Lilac	Rose	White

Supreme Mixture

Tr. pkt. 35c., 1/2 oz. \$1.00, oz. \$1.80, 4 ozs. \$6.00, lb. \$18.00

COCKADE TYPES—4 ft.

Tall, symmetrical plants, long branches of full, double flowers.

Blue. Rich lilac blue	Violet. Rich violet purple
Salmon Pink	White. Pure white
Sapphire. Deep lilac	Finest Mixed of all varieties

Tr. pkt. 20c., 1/4 oz. 35c., oz. \$1.00, 1/4 lb. \$3.00, lb. \$10.50

Fleck's Stocks

Another one of our specialty seeds grown for us under contract by originators and specialists who are constantly improving the strains. Nothing finer offered anywhere.

18,500 seeds per ounce.

GIANT COLUMN EXCELSIOR

Our Greenhouse Produced Seeds—Superior Quality

NON-BRANCHING VARIETIES

Sowings from August to December will bloom in about 5 months. However, planting as late as February 15 will flower around June 15.

WHITES

Fleck's White Improved, No. 30. Beyond doubt the best white today. Unsurpassed for doubleness, large flower head and pure white, velvety, fluffy florets. Very high double percentage; slightly taller and stronger grower than Ball No. 16.

Ball White Improved, No. 16. Pure white, extra large florets on well-formed, compact spikes.

PINKS

Fleck's Deep Rose. Brilliant deep rose.

Ball Supreme, No. 22. Rich, silvery rose, long, stiff stems.

Chamois Pink, No. 9. Attractive, buff and pink; two-tone.

REDS

Fleck's Ruby. Deep red.

YELLOW

Ball Apricot, No. 20. Large-flowered, creamy buff.

Deep Apricot. Shade darker than Ball Apricot.

Yellow Wonder. Rich, full toned cream yellow. Superior in every way to Gold Standard.

LILACS AND PURPLES

Lilac Lavender, No. 1. Large-flowered strain.

Silvery Lilac. Beautiful sheen.

Fleck's Purple Heart, No. 21. Bright violet purple, long-stemmed.

MIXTURE

Fleck's Special Blend. Compounded in proportion of colors as to their popularity.

Prices of any of the above: $\frac{1}{2}$ tr. pkt. 55c., tr. pkt. \$1.00, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50, oz. \$9.00, $\frac{1}{4}$ lb. \$32.50

GIANT IMPERIAL (Super) Improved BISMARCK (Branching)

30 in.

Fine for cut or bedding, greenhouse or outdoors. An old favorite. Large, early flowered with good doubles percentage.

Buttercup. Rich yellow. **Lavender.** Silvery blue.

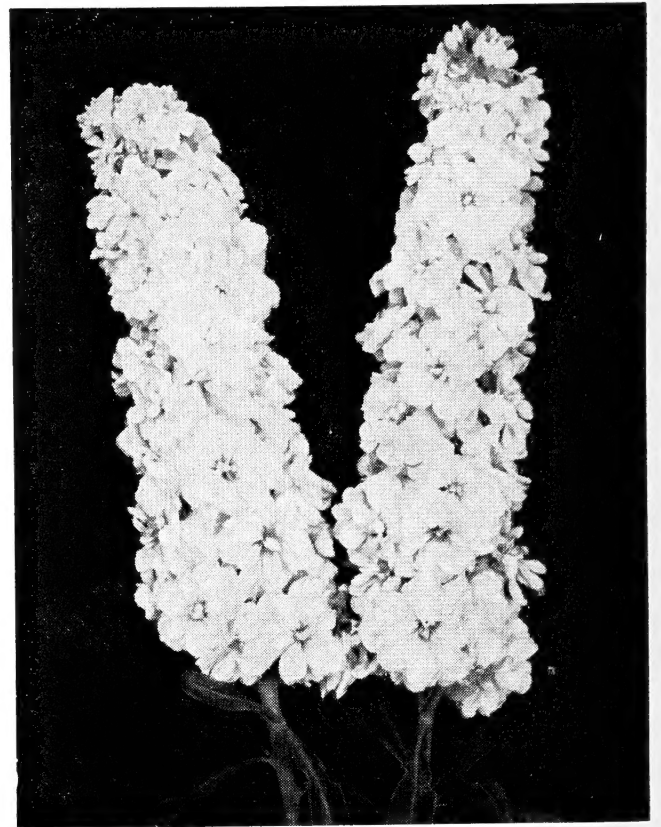
Chamois. Ivory tinted old rose to buff. **Rose (Rose Charm).** Rich deep rose.

Elk's Pride. Rich, deep royal purple. **Shasta.** Pure white, giant flowered.

Tr. pkt. 35c., $\frac{1}{8}$ oz. 65c., $\frac{1}{4}$ oz. \$1.15, oz. \$3.50

Florists Mixture. A brilliant blend of choice named varieties.

Tr. pkt. 35c., $\frac{1}{4}$ oz. \$1.00, oz. \$3.25



Stock, Giant Column
Fleck's White Improved No. 30

GIANTS OF CALIFORNIA

28 to 36 in.

This early flowering, branching type is very popular with a good many growers. Does well planted closely.

Golden Gate. Soft, clear creamy yellow. **Santa Maria.** Finest purest white.

Mojave. Rich, velvety royal purple. **Tahoe.** Clear lavender.

Pacific. Lilac blue mauve. **Blend of All Varieties.**

Tr. pkt. 35c., $\frac{1}{8}$ oz. 70c., $\frac{1}{4}$ oz. \$1.25, oz. \$4.50

DWARF TEN WEEK

12 in. (Double)

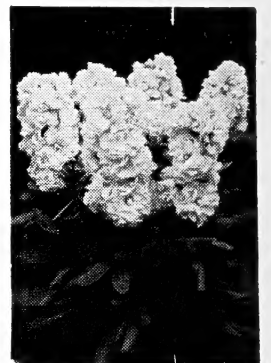
Excellent for bedding and pot plants. Finished pots for Easter, like photo here—sell very well in place of Hyacinths.

Crimson **Dark Blue**

White

Dwarf Ten-Week Mixture

Tr. pkt. 25c., $\frac{1}{4}$ oz. 65c., oz. \$2.00



TALL TEN WEEK

20 in.

Double Mixed. Beautiful blend of early flowering, high double percentage; wonderful for outdoor cut. Tr. pkt. 20c. $\frac{1}{4}$ oz. 60c., oz. \$1.80, $\frac{1}{4}$ lb. \$6.00.

Fleck's Sweet Peas

All the Best and Most Popular Varieties. All Good Profit Builders for Our Florist Friends

EARLY or WINTER FLOWERING VARIETIES 350 S.

Best results obtained from this group if planted in August and up to January 1. In the South and all frostless sections, sow 2 inches deep early in Fall and the plants will bloom, depending on location, from Christmas until late Spring.

PINK SHADES

Coed (New). Luminous, rich salmon pink. Large, bold flowers of fine substance. Vigorous and long stems, carrying 4 florets. A greatly improved Bridesmaid.
½ oz. 75c., oz. \$1.30, 4 ozs. \$4.95.

Attraction. Clear bright salmon pink.

Ball Rose Supreme. Large, wavy flowers of bright, silvery rose pink. Fine producer.

Bridesmaid. Deep, silvery pink. Heavy stems, vigorous, large-flowered.

Hiawatha. Deep rose self, exceptionally large flowers with four blooms to stem.

Majestic Rose. Deep brilliant rose pink.

RED SHADES

Fiesta. Orange cerise.

Signal Red. Sunproof brilliant scarlet.

WHITES

Fleck's White Giant Wonder. Pure white, very large flowers placed in fours on long, strong stems. Good, strong grower. This is the largest in the early flowering class.

Cascade. Pure glistening white.

Gardenia. Dense paperwhite. Vigorous grower.

BLUE SHADES

Ball Blue Supreme. Bright blue.

Mrs. Herbert Hoover. Brilliant blue.

Waves. Mid-blue, large ruffled flowers.

LAVENDER SHADES

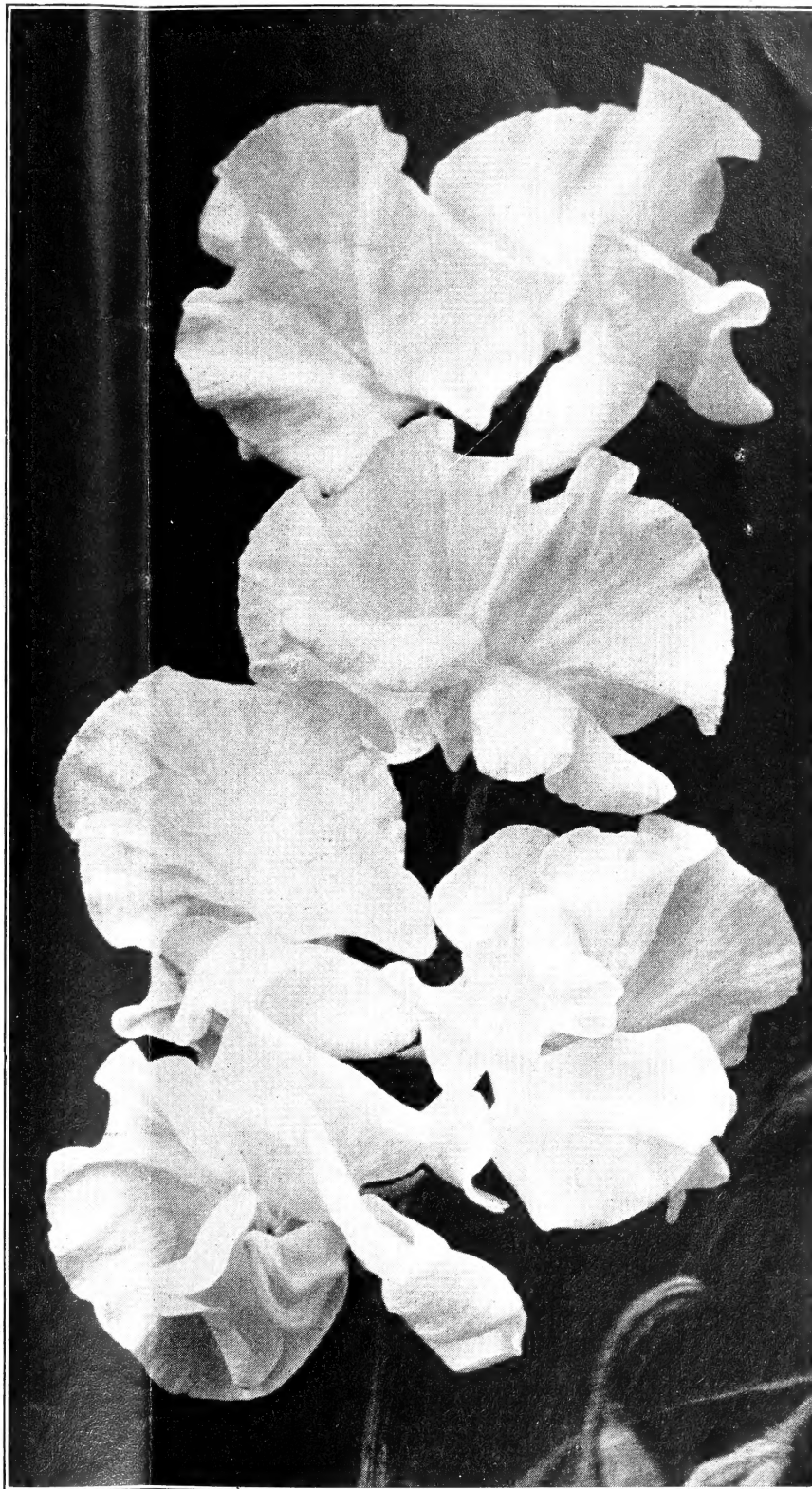
Triumph. Lilac mauve. Long-stemmed.

Twilight. Medium clear lavender.

ORANGE SHADES

Treasure Island. Sparkling golden orange, large duplexed.

Prices on all of the above: ½ oz. 30c., oz. 50c.,
¼ lb. \$1.50, ½ lb. \$2.80, lb. \$5.50



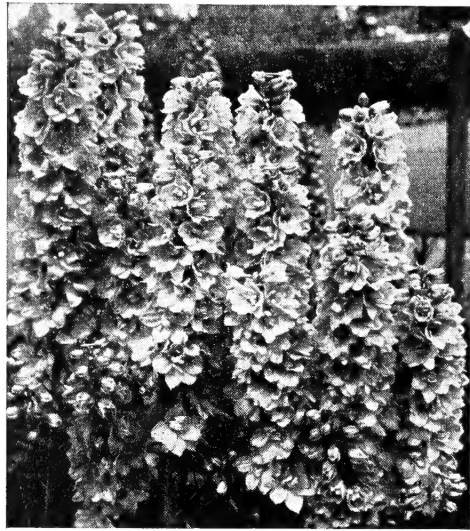
Fleck's White Giant Wonder

MIXTURE

Fleck's Special Early Winter Flowering Mixed.

Oz. 50c. ¼ lb. \$1.40 ½ lb. \$2.40 lb. \$4.50
Pound rate allowed on orders in ¼ lb. lots, if order totals 1 lb. or more

PERENNIAL SEEDS FOR FLORISTS



Delphinium, Pacific Giants

DELPHINIUM 10,000 S

Early Spring sowing will produce nice, large clumps by Fall for sales or greenhouse forcing. January sowing will produce flowers during Summer. July and August sowing and transplanting into the field during Fall will produce an early crop of fine large spikes.

Sow from January to September in flats. Use light, sandy soil, cover seed very slightly, keep moist and shaded until germination starts. Gradually give more light and fresh air, later transplant into flats and when large enough, harden off in full sun before planting out. Rich soil, good drainage and sunny location are essential.

For quicker and better germination, freeze seeds before sowing.

	Tr. pkt.	1/4 oz.	Oz.	1/4 lb.
Bellamosum Improved. Deep blue.				
	Lb.	\$34.00	\$0.35	\$0.95 \$2.75 \$9.80
Blackmore & Langdon. Giant flowers; excellent blue shades.....	.35	.90	2.60	9.00
Cliveden Beauty (Improved Belladonna). Light blue.....	.35	.95	2.80	10.00
Wrexham (English Hollyhock)....	.50	1.60	5.40	20.00

PACIFIC GIANTS STRAIN—5 ft.

Magnificent show type, produces immense tapering spikes with large, double florets. Seeds we offer were produced from originators' finest stock.

Astolat Series. Contains many new shades, such as pale blush, lilac pink, deep Raspberry rose, white brown, fawn, and black bees for contrast.

Tr. pkt. \$1.50, 1/8 oz. \$3.25, 1/4 oz. \$6.00, oz. \$20.00

Black Knight. Velvety dark purple.

Blue Bird Series. Clear, medium blue with white bees.

Galahad Series. Pure white.

Guinevere Series. Light pink lavender with white bee.

King Arthur. Brilliant royal violet. White bee.

Lancelot. Clear lilac with white bee; a rare color in Delphinium.

Percival Series. White with black bee.

Round Table Series. All the newest colors and types.

Summer Skies Series. Clear blue with white bee.

Pacific Hybrids Mixed.

Prices on all Pacific Giants, except Astolat:

Tr. pkt. \$1.25, 1/8 oz. \$2.50, 1/4 oz. \$4.00, oz. \$14.00

DELPHINIUM 20,000 S

CHINENSIS, TALL—3 ft.

While the Chinensis type of Delphinium is classified as perennial, they will, if planted early, bloom the first year from seed. Late Spring cut flowers from January sowing.

	Tr. pkt.	1/8 oz.	1/4 oz.	Oz.
Alba. White.....	\$0.20	\$0.30	\$0.45	\$1.20
Cambridge Blue. Rich Belladonna blue.....	.35	.50	.75	2.50
Liberty. Dark blue.....	.20	.30	.45	1.20
Mixture15	.25	.35	1.00

CHINENSIS, DWARF—20 to 24 in.

White	\$0.20	\$0.35	\$0.45	\$1.20
--------------------	--------	--------	--------	--------



Dianthus, Pinks



Dianthus, Barbatus

DIANTHUS - Pinks

28,000 S

PLUMARIUS VARIETIES

Cyclops. Perpetual single. Nice color range with red eyes. Tr. pkt. 35c., 1/4 oz. \$1.00, oz. \$3.70.

Scotticus Double. Special florist strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. 12-15 in. blooms, 1 1/2 to 2 in. Free flowering. This is the best one in the Plumarius class.

Tr. pkt. 35c., 1/8 oz. \$1.00, 1/4 oz. \$1.50, oz. \$5.00

OTHER VARIETIES

	Tr. pkt.	1/8 oz.	1/4 oz.	Oz.
Allwoodi alpinus, Mixed. 4 to 6 in. flowers first year from seed. A gem for the rockery; fragrant.....	\$0.35	\$0.90	\$1.45	\$5.00
Caesius grandiflorus (Cheddar Pinks). Pink flowers. 6 in.....	.30	.45	.75	2.75
Deltoides, Brilliant (Maiden Pinks). Rich rose pink. 6 in.....	.35	.90	1.50	5.50
Little Jock Hybrids. Rare, extra dwarf, 6 in. Mixed colors.....	.75	2.25	4.00	13.50
Rare Species. Rock garden mixture.	.60	1.90	3.50	11.00
Winteri (New Pinks). Pure colors, compact habit; flowers first year from seed. 9 in.....	.50	1.50	2.75

DIANTHUS - Barbatus

(Hardy Biennial Sweet William)

Single Giant White. Enormous trusses which give the appearance of Perennial Phlox. Flowers almost twice size of ordinary varieties. 24 in.

Single Newport Pink. 18 to 24 in.

Single Purple Beauty. 18 to 24 in.

Single Scarlet Beauty. 18 to 24 in.

Singles Mixed. 18 to 24 in.

Prices of above: Tr. pkt. 35c., 1/4 oz. 70c., oz. \$2.40

DWARF MIXTURES

Single Dwarf Alpine Mixed. Compact. 4 to 6 in.

Tr. pkt. 50c., 1/4 oz. \$1.45, oz. \$4.50

Double Dwarf Alpine Mixed. Compact. 4 to 6 in.

Tr. pkt. 35c., 1/4 oz. 85c., oz. \$3.00

DICTAMNUS - Gas Plant

30 in.—1700 S

Seeds germinate slow and irregular.

Fraxinella. Pink with dark veins.

Fraxinella albus. White.

Mixture of Above.

Tr. pkt. 35c., 1/4 oz. 60c., oz. \$1.95

Fleck's Croft Lilies

Finest True Strain, Highest Bud Count

N. W., U.S.A. GROWN

Those who already know our brand of these fine Lilies, always reorder the following year. There must be a reason.



A House of Fleck's Croft Lilies Just Before Easter.
Note high bud count and uniformity.

CROFT AND ESTATES

Order now for Easter 1953 forcing. Also for shipments from cold storage—December through April for continuous cuts next Spring and Summer.

Size	Case	Per Case
7- 8-	50 bulbs.....	Prices not yet established
7- 8-	100 bulbs.....	
7- 8-	250 bulbs.....	
8- 9-	50 bulbs.....	
8- 9-	100 bulbs.....	
8- 9-	200 bulbs.....	
9-10-	50 bulbs.....	
9-10-	150 bulbs.....	
10-11-	50 bulbs.....	

Compare Lily bulb prices by the bud count, not by the case. Our Croft are priced low on the basis of blooms per bulb.

For those who cannot maintain an even 60 to 65 degrees (night temp.) we recommend precooled bulbs for Easter or early forcing.

Precooling charged at cost.

Cultural directions sent with order or on request.

JAPANESE GROWN

LILIUM RUBRUM

Grown in Japan, flowers are larger, more flowers; deeper in color than the strain grown in Holland.

7- 9 in....	250 bulbs to case	10-11 in...	100 bulbs to case
8- 9 in....	200 bulbs to case	11-13 in...	90 bulbs to case
9-10 in....	140 bulbs to case	13-15 in...	50 bulbs to case
9-11 in....	125 bulbs to case		

LILIUM GIGANTEUM

6-8 in....	400 bulbs to case	8-10 in....	225 bulbs to case
7-9 in....	300 bulbs to case	9-10 in....	200 bulbs to case

LILIUM AURATUM

7- 9 in....	250 bulbs to case	9-11 in...	125 bulbs to case
8- 9 in....	200 bulbs to case	11-13 in...	90 bulbs to case
9-10 in....	140 bulbs to case	13-15 in...	50 bulbs to case

AMERICAN GROWN

LILIUM REGALE

5-6 in....	500 bulbs to case	8- 9 in...	200 bulbs to case
6-7 in....	250 bulbs to case	9-10 in...	100 bulbs to case
7-8 in....	250 bulbs to case	10-11 in...	100 bulbs to case



Narcissus—Doubles

NARCISSUS - Doubles

250 at 1000 rate

Don't overlook these for a source of early cut flowers for January, February, March, or for pan work.

Texas. Pale yellow with orange-red petals through the center. Early. Beautiful and attractive. 16 in. D. N. No. 1..... 100 1000

Von Sion. Yellow trumpet and petals; large bloom on strong, erect stem. Fine for pans or cut. D. N. No. 1.....

NARCISSUS (Incomparabilis)

Fortune. Broad flat overlapping clear yellow perianth. Very large, glowing orange crown. Very early. 18 in. D. N. No. 1.....

Scarlet Elegance. Deep yellow perianth, cup deep orange-red, scarlet edge. Outstanding. 14 in. D. N. No. 1.....

NARCISSUS (Poetaz)

Cheerfulness. White perianth with full double center of white and yellow. 2 to 4 blooms to a stem. Medium early. 14 in. D. N. No. 1..

Geranium. Round flat pure white perianth. Deep orange cup. Late. Strong stems of 6 to 8 blooms per stem. 14 in. D. N. No. 1..

La Fiancee. Large, creamy-white perianth, flat orange cup. Excellent. Early. 5 to 8 blooms to a stem. 14 in. D. N. No. 1.....

L'Innocence. Pure white perianth. Canary yellow cup. Early forcer. Average 5 blooms on a stem. 14 in. D. N. No. 1.....

NARCISSUS - Paperwhite (FRENCH GROWN)

14-15 ctm.....

NARCISSUS - Daffodils

SINGLE, TRUMPET VARIETIES

King Alfred. Clear golden yellow, both perianth and trumpet.

Ours is an excellent strain. Every new customer becomes a steady buyer, year after year. There must be a reason.

	Oregon grown	Holland grown
	100 1000	100 1000

D. N. No. 1..... } Prices not yet established
D. N. No. 2..... }

American grown D. N. No. 2 produces very well for cut.

Flower Carpet. Deep golden yellow, improved King Alfred, but more profuse bloomer. D. N. No. 1,

25 at 100 rate; 500 at 1000 rate

Please order in units of 500, if possible

Case lots of *American grown* can be shipped from New York, Philadelphia or Pittsburgh

DUTCH IRIS



Our Superior Quality and Grading Unequaled
AMERICAN GROWN ONLY

Certified

We furnish an excellent Oregon-grown strain. *These are specially graded for us.* Our 8½-9 compare very favorably with many 9-10 from other growers. Other sizes also graded full.

Wedgwood

8½-9 ctm.	9-10 ctm.	10-11 ctm.	11 ctm. up
100 1000	100 1000	100 1000	100 1000

Prices not yet established

Imperator. Dark blue..... }
White Superior..... } Prices not yet established
Yellow Queen..... }

250 at 1000 rate. Please order in units of 250, if possible

All prices quoted are F.O.B. Philadelphia and subject to change without notice.

FLECK'S DEPENDABLE BULBS



HYACINTHS

Varieties marked * are late blooming and therefore must be brought into greenhouse about a week earlier than other varieties for Easter, 1953, which is April 5.

RED

- *Jan Bos. Rich scarlet, very early.
- *La Victoire. Brilliant carmine red.

PINK

- Anna Marie. Clear pink, very early.
- Lady Derby. Fine pink; very early.
- *Marconi. Deep rosy pink.
- Pink Pearl. Rosy pink, very early.
- *Queen of the Pinks. Bright rosy pink.

WHITE

- Arentine Arendsen. Early.
- Edelweiss. Pure white.
- L'Innocence. Earliest.
- *Queen of the Whites. Pure white.

BLUE

- *Bismarck. Sky blue.
- Delft Blue. Bright porcelain blue.
Compact Truss.
- Grand Maitre. Deep porcelain blue.
- *King of the Blues. Best dark blue.
- Ostara. Porcelain blue.

YELLOW

- *City of Haarlem. Yellow.
- Prince Henry. Fine early yellow.
- Yellow Hammer.

Prices are F.O.B. Philadelphia. No other charges. Subject to change without notice

	Doz.	100	1000
First Size, 18-19 ctm.	}	Prices not yet established	
Second Size, 17-18 ctm.			
Third Size, 16-17 ctm.			

25 of one variety at 100 rate. Orders totaling 300 or more receive the 1000 rate if ordered in units of 50 of a variety

CALLA - Aethiopica (White)

Western Grown

Finest quality obtainable

The correct curing of Callas is a slow process. This precludes any shipments before August.

	100	1000
1¾ to 2 in.	\$24.00	\$225.00
2 to 2½ in.	30.00	275.00
25 at 100 rate, 250 at 1000 rate		

CALLA - Elliottiana

Western Grown

Make very attractive pot plants.

25 at 100 rate, 250 at 1000 rate

Golden Yellow	Doz.	100	1000
2 to 2½ in.	\$3.00	\$20.00	\$180.00
2½ to 3 in.	4.50	36.00	340.00

FREESIA (New Hybrids)

EXTRA LARGE FLOWERING

Ready Fall — 250 bulbs at 1000 rate

These are money makers for the retail florist and require very little room. Excellent for corsages, table decorations, short vases, etc., delightfully fragrant.

- Mammoth White. Pure white.
- Mammoth Yellow. Pure yellow.
- Tecolote Giants. Blue, Rose, Lavender, Talisman.
- Fleck's Special Mixture of all the above colors.

Large size, 7/8 in. up—\$4.50 per 100, \$39.00 per 1000

CROCUS (Top Size) 9 CTM. UP

	100	1000
Baron Von Brunow. Blue.	}	Prices not yet established
Purpurea Grandiflora. Purple.		
King of Striped.		
Snowstorm. Pure white.		
Giant Yellow.		
Mixture. Including white and yellow.		
250 at 1000 rate		

Fleck's Dependable Bulbs

FOR CUT—EASTER PANS—BEDDING

All prices quoted are F.O.B. Philadelphia, ocean freight, packing, duty, insurance, etc. all included. You pay only the actual shipping from Philadelphia

Tulips are bagged in units of 250. Please order 250 of a variety, if possible. The 1000 rate is allowed on 250 of a variety

TULIPS

TRIUMPH

Alberio. Scarlet, yellow edge. 16 in.
Crater. Deep carmine red. 20 in.
Crown Imperial. Mahogany red, edged golden yellow. 12 in.
Edith Eddy. Cerise, white edge. 18 in.
Elizabeth Evers. Pink. 15 in. ...
Elmus. Cherry red with white border. 20 in.
Kansas. Snow white, lemon yellow center. 16 in.
Korneforos. Bright red. 20 in. ...
Red Giant. Scarlet. 16 in.
Telescopium. Violet blue. 20 in.
Triumph Mixture.

First Size		Top Size	
11-12 ctm.		12 ctm. up	
100	1000	100	1000

Prices not yet established

DARWINS

All Bright. Bright red. 24 in. ...
Bartigon Maximum. Crimson. 24 in.
Campfire. Deep vermilion. 24 in.
Cordell Hull. Red, striped rose. 24 in.
Demeter. Dark blue. 28 in. ...
Golden Age. Deep yellow. Not a forcer. 24 in.
Insurpassable. Lilac. 28 in. ...
Niphetos. Ivory yellow. 28 in. ...
Philip Snowden. Carmine rose. 24 in.
Princess Elizabeth. Rose pink. 26 in.
Prunus. Salmon pink. 24 in. ...
Red Pitt. Bright red. 24 in. ...
Rose Copland. Lilac rose. 24 in.
The Bishop. Violet blue. Not a forcer. 28 in.
Wm. Pitt. Scarlet. 24 in.
Zwanenburg. Pure white. 28 in.
Darwin Mixture.

Prices not yet established



COTTAGE (SINGLE LATE)

Carrara. Pure white. 20 in.
Golden Harvest. Deep lemon yellow. 26 in.
Golden Measure. Deep canary yellow.

First Size		Top Size	
11-12 ctm.		12 ctm. up	
100	1000	100	1000

Prices not yet established

SINGLE EARLY

Couleur Cardinal. Brilliant crimson. 14 in.
Gen. De Wet. Orange. 14 in. ...
Ibis. Deep rose. 12 in.
Keizerskroon. Bright red with broad, golden yellow border. 14 in.
Olympiade. Golden yellow. 12 in.
Prince of Austria. Orange red. 13 in.
White Hawk. Pure white. 12 in.
Single Early Mixture.

Prices not yet established

DOUBLE EARLY

We offer these in 11-12 ctm. only, as they rarely make size over 12 ctm.

Not recommended for cutting. Ideal for pan work. Excellent for outdoors.

Electra. Deep carmine.
Van der Hoef. Golden yellow.
Murillo. White shading delicate pink.
Orange Nassau. Deep orange and red.
Peach Blossom. Deep pink.
Schoonoord. Snow white.
Triumphator. Very deep pink.
Mixture.

FLECK'S DEPENDABLE BULBS

AMARYLLIS



Giant American Hybrids (Hippeastrum). The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids.

	Doz.	100
2½-3 in.	\$3.50	\$24.00
3-3½ in.	4.95	36.00

25 at 100 rate

SPIREA



Standard Varieties. In pink and white shades. \$5.50 per doz., \$37.50 per 100.

Freeze roots before potting. Grow 90 days for Easter, 75 days for Mothers Day, at temperature of 55 degrees.

CALADIUM - Fancy-leaved



Bright Colors

Choice bulbs that have been well ripened and carefully selected from excellent strains of highly colored varieties.

250 at 1000 rate

Rainbow Mixture	25	100	1000
1½ to 2½ in.	\$5.00	\$18.50	\$175.00
2½ to 3½ in.	7.50	27.50	265.00

Culture

Soil should be slightly acid, ph 6.2 to 6.5. One part leaf-mold, rotted manure and loam. Good drainage is necessary.

Light is important. Give as much strong light as possible without burning leaves, otherwise colors will not be bright.

Temperature should be 80 to 85 degrees, the higher the better. Reduce heat gradually to harden off plants. Start the bulbs in flats and place on steam flows if possible.

Water sparingly until sprouts and roots are 4 to 6 inches long, then shift to 5 or 6 inch pots. Never allow the pots to dry out when in full growth.

ANEMONE



Ready late September

Vivid and showy colors. Do well in most any soil. Plant ½ inch deep in sunny location. Set about 10 inches apart and give plenty of water.

Mixture 70c. per doz., \$1.35 per 25, \$4.50 per 100

FLECK'S GREENHOUSE SUPPLIES

RUBBER HOSE

Cheaper and Better Than Plastic



Finest 2-braid rayon hose ever made. Stands pressure up to at least 200 lbs. Any length 25 feet up.

Inside diameter Weight per 100 ft.

1/2 in. 27 lbs. 32c. per ft.
3/4 in. 43 lbs. 36c. per ft.

Heavy Brass Couplings. At no extra charge on 50 ft. or more. On pieces less than 50 ft., add 1c. per ft.

FLARING ROSE NOZZLE



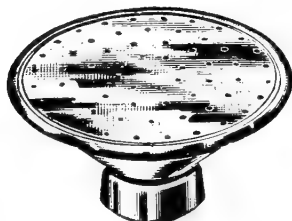
Each. \$1.35 3 for. \$3.65

SPRAY NOZZLE

Universal. Automatic gun type. Adjustable to fine spray.

No. 126. \$3.45 each

GREENHOUSE SPRINKLERS



No. 1—Stamped Sheet Brass, 4 in. face \$1.65, 3 for \$4.00.

No. 2—Cast Brass, 4 in. face \$2.25, 3 for \$6.00.

WATER BREAKERS



No. 400—Allows up to 50-lb. pressure at full flow without washing out soil. Cast aluminum, unbreakable. Each \$1.75, 3 for \$4.60.

Skreenaire made on same principle as No. 400, but to take over 50-lb. pressure. Each \$2.35, 3 for \$6.50.

HOSE COUPLINGS



Cast Brass. 1/2 in., 5/8 in., 3/4 in.

Complete. Each 47c., doz. \$4.95

Female ends only. Each 38c., doz. 4.00

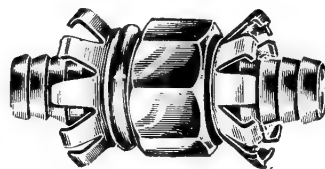
WROUGHT BRASS

Lighter weight than cast brass. 1/2 in., 5/8 in., 3/4 in.

Complete. Each 40c., doz. \$4.50

Female ends only. Each 35c., doz. 3.60

CLINCHING TYPE WROUGHT BRASS "PERFECT"

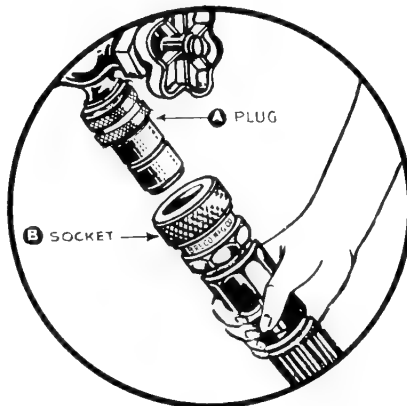


Fingers are of steel, plated to prevent rust. 1/2 in., 5/8 in., 3/4 in.

Complete. Each 50c., doz. \$5.40

Female ends only. Each 45c., doz. 4.70

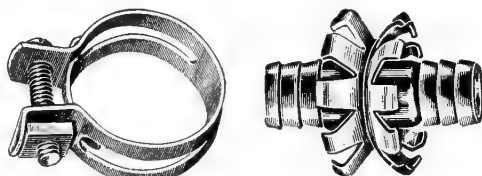
BRECO "LIGHTNING" HOSE COUPLING



Best ever made for quick connecting or disconnecting water hose. These couplings are guaranteed indefinitely. Standard 3/4 in. Complete coupling \$2.50. Extra plugs for faucets, each 75c.

WROUGHT BRASS "PERFECT" HOSE MENDERS

1/2 in., 5/8 in., 3/4 in. Each 20c., doz. \$2.00



Steel Hose Clamp "Perfect" Hose Mender
Hose Clamps. 1/2 in. and 5/8 in. doz. 70c.;
3/4 in. doz. 75c., 1 in. doz. 85c.

HOSE REDUCERS

Cast brass. From 1 in. pipe to fit 3/4 in. hose. Each 70c.

HOSE WASHERS

Rubber. For 3/4 in. hose connections.
1/4 lb. 90c. Doz. 15c.

LABEL MOISTENER

No. 10—4 1/2 in. wide. \$7.00

SEALING MACHINE

For gummed paper tape

Ryko Sealer, 3 in. wide. \$7.50

Paper Tape, 3 in. wide, 600 ft. rolls, each \$1.70.

WIRE FOR BENCH WORK



Galvanized. In 12-lb. stones. Stone

No. 16. \$3.16

No. 18. 3.46

HOSE CONNECTIONS

Siamese—two way. 90c. each, 3 for \$2.50

BURLAP

Top quality—bolts of 100 to 120 yards, 40 in. wide, 34c. running yard. Price subject to highly changeable market conditions.

HANGING BASKETS

These are made of strong wire, sturdily built for long service, painted green.

Measure diameter of largest ring.

	Each	Doz.
10 in.	\$0.85	\$ 9.75
12 in.	1.00	11.50
14 in.	1.10	12.60
16 in.	1.35	16.00
18 in.	1.70	17.85



POT HANGERS

Krick's. Special temper steel wire, bronzed. Space saver in the greenhouse or in shops to display specimen plants. Prices on all sizes or assortment.

No. 1 for. 4 in. pot

No. 2 for. 5 in. pot

No. 3 for. 6 in. pot

Doz. \$1.50

4 doz. 5.10

12 doz. 14.90



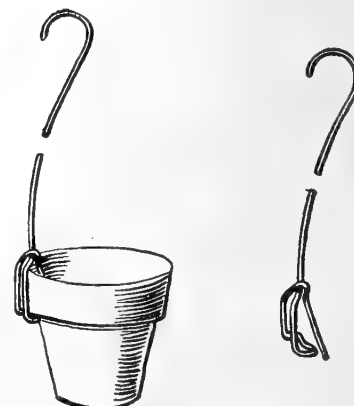
Eureka. Special temper steel wire, galvanized.

Doz. \$2.85

25 for. 5.50

50 for. 10.00

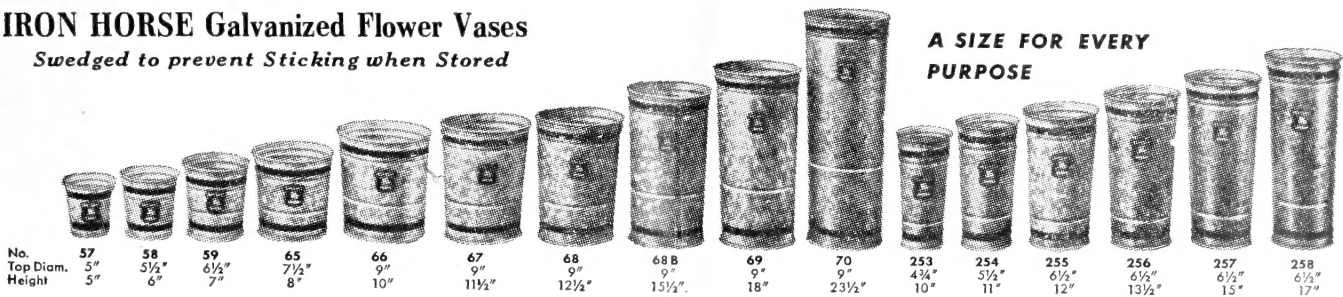
100 for. 19.00



FLECK'S SHOP AND GREENHOUSE SUPPLIES

IRON HORSE Galvanized Flower Vases

Swedged to prevent Sticking when Stored

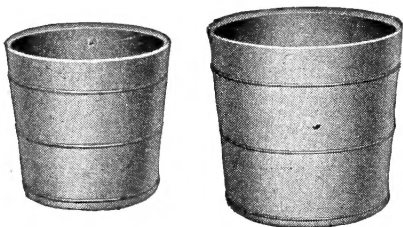


A SIZE FOR EVERY PURPOSE

GALVANIZED STEEL FLOWER VASES

Style No.	Size	Each	Doz.
58	5 1/2 x 6 in.	\$0.80	\$9.00
59	6 1/2 x 7 in.	.95	10.40
65	7 1/2 x 8 in.	1.25	13.50
66	9 x 10 in.	1.50	16.90
68	9 x 12 1/2 in.	1.80	19.80
68B	9 x 15 1/2 in.	2.00	21.00
69	9 x 18 in.	2.10	22.90
253	4 3/4 x 10 in.	1.10	11.25
254	5 1/2 x 11 in.	1.15	12.00
255	6 1/2 x 12 in.	1.25	14.25
256	6 1/2 x 13 1/2 in.	1.35	15.25
257	6 1/2 x 15 in.	1.50	16.50
258	6 1/2 x 17 in.	1.60	17.00

FLECK'S CEDAR TUBS

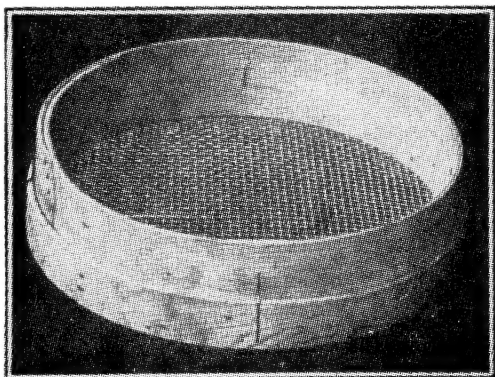


White cedar, bound with heavy wire hoops, electrically welded. Painted green.

Size	Inside Measurements			Weight Each	Each
	Top	Bottom	Depth		
No. 2	7	5	7	1 1/2	\$1.40
No. 3	8	6	8	2 1/2	1.50
No. 4	9	7	9	2 3/4	1.65
No. 5	10	7 1/2	9	3	1.95
No. 7	12	9	11	4 1/2	2.65
No. 9	14	11	13	7	3.95
No. 11	16	12 1/2	15	9	4.75
No. 13	18	14 1/2	17	12 1/2	6.50

Ask for quotation on lots of 100 or more. We ship twelve tubs for the price of eleven.

SIEVES

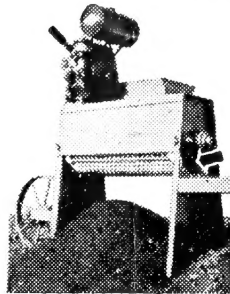


Constructed of high grade materials, assuring long life and good service. For added strength liners are placed inside the rim supporting the wire bottoms, thereby preventing it from pulling out or sagging. Galvanized screen. Diameter size: 18 in. Mesh sizes: 1/4 in., 1/2 in., 3/4 in. Each \$2.75.

SOIL SHREDDERS

We list below a few models that have proven satisfactory for the average greenhouse operator. All prices are F.O.B. manufacturing point and subject to change without notice. 3 per cent discount for cash with order. Full, detailed circulars sent on request.

WICHITA GRINDER



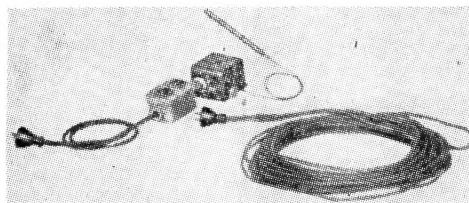
Grinding Screen. Shreds, grinds, screens, mixes with wheel and handles. \$119.50. With motor by Briggs & Stratton. 1 1/2 horsepower. \$178.00.

A 1 horsepower motor will operate this model with complete satisfaction.
F.O.B. Wichita, Kansas

WONDER GRINDER

12 in. Grinder only.....\$139.00
On skids and 6 h.p. gas motor... 277.00
18 in. Grinder only..... 186.00
On skids and elevator less motor. 370.00
Ask for circular with complete information

SOIL HEATING EQUIPMENT (Electric)



This flexible heating cable can be used in hotbed, coldframe, or greenhouse bench. By applying "bottom heat" it provides positive control and faster stimulation of growth. Soil can be maintained at 15 deg. to 20 deg. F. above general house temperature. These operate on 110 Volts, 400 watts. One 60-foot cable heats 36 square feet of bench area.

Thermostat No. 36X,54G1—For 1 to 2 cables..... \$9.95

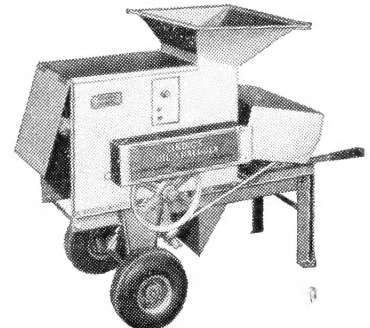
Thermostat No. 4984571G2—Assembles with duplex receptacle and 3 ft. all rubber cord as shown above.

For 3 to 6 cables.....19.20
Cables for above, each.....10.85

DANDY DIBBERS

Made of solid, clear plastic. 5 in. long
Each \$1.00, 6 for \$5.00.

LINDIG'S SOIL SHREDDERS



Model Jr. B. Only.....\$ 95.00
With 1/3 h.p. motor.....141.50
Can be run also with 1/2 h.p. motor.
Write for descriptive folder.

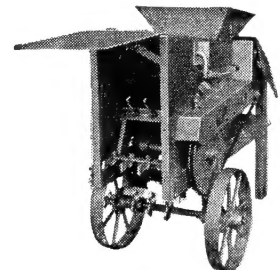
Model 1B-4. Total height, 36 in. Overall length, 46 in. Feeding hopper size, 16x18 in. across top. Shredding rotor, 8 1/2 in. wide, with 4 sets of blades, 4 blades in each set (total 16); 3 stationary blades. Power: 3/4 h.p. electric motor or 1 1/2 h.p. gas engine. Weight, 155 lbs.

Model 1B-6. Specifications for this model are the same as for Model 1B-4, except there are 6 blades in each set (total 24). 5 stationary blades. This model is designed for extra fine shredding. Power: 3/4 h.p. electric motor or 1 1/2 h.p. gas engine. Weight: 165 lbs.

Above 2 models capacity up to 8 cu. yards per hour.

	Without Power	With 3/4 H.P. Electric Motor
Model 1B-4.....	\$130.00	\$195.50
Model 1B-6.....	135.00	200.50
Gas Engines, 1 1/2 h.p., with clutch.	\$70.00	
Rubber Tires, 10x3.5x4...	\$20.00 per set	
Heavy Duty Cord. 25c. per ft. in any length up to 250 ft.		
Cord Connectors.....	\$1.50 per set	
1 H.P. Motors.....	\$87.50	

KEMP SOIL SHREDDERS



No. 6—Complete with 1/2 h.p. electric motor, 3 ft. of cord, mounted on truck with wheels. \$162.00. With 3/4 h. p. electric motor, \$172.00.

No. 6—Complete with 1 1/2 h.p. Briggs & Stratton gas engine, mounted on truck with wheels. \$162.00.

No. 6—Complete, less engine or motor, mounted on truck with wheels. \$110.00.

Rubber Tired Wheels. \$12.50 extra.
F.O.B. Erie, Pa.

CEMETERY VASES OR BOUQUET HOLDERS

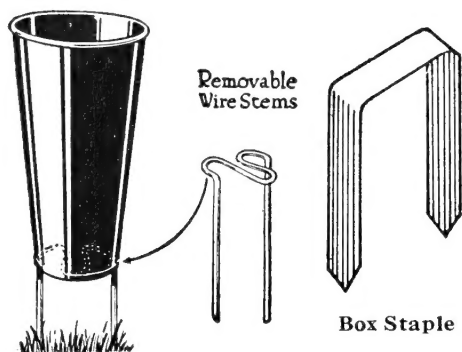
Sturdy metal. Removable steel prongs.
Can be used as a regular vase.

Crystalline Green

No. Size

J8—8x4 $\frac{3}{4}$ x2 $\frac{3}{4}$

Doz.....\$3.30 Carton, 3 doz..\$9.25



FOR COMPLETE LIST OF SUPPLIES

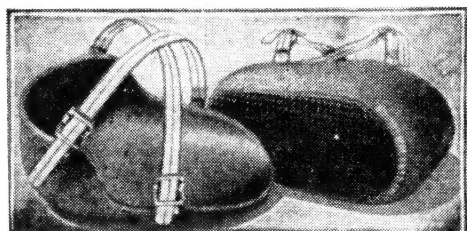
See Our General Catalog

KNEE PADS (Rubber)

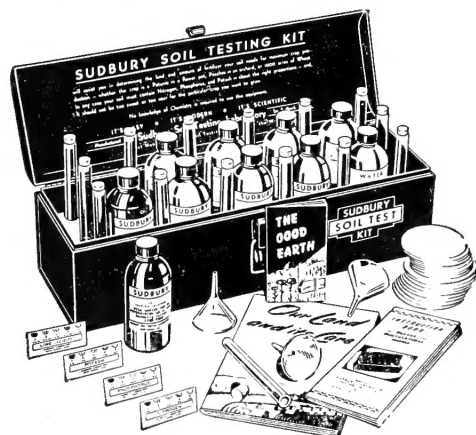
A comfort-giving knee cushion. Built of solid and soft sponge rubber to fit contour of the knee.

Straps adjustable to fit any knee and will not slip down when walking.

Per pair.....\$1.95



SUDBURY SOIL TEST KITS



Model B. For the grower whose requirements do not call for the larger professional equipment. Tests for same elements as other kits. Weight packed single, approximately 7 lbs. \$13.00.

Super De Luxe Model A. Finest equipment—widely used by large growers, nurseries and Government departments. Cased in handsome, streamlined, vault type welded steel, pearl finish container. Full length piano hinge. Sturdy carrying handle. Complete instructions.

Each \$25.00

Refill Solutions. 2 oz. \$1.00, 6 oz. \$2.00.

CORRUGATED BOX STAPLES

These staples are the strongest made for quick application. $\frac{1}{4}$ in. wide steel band. Will go through several thicknesses of corrugated.

Box of 1000 for.....\$1.25

Hand Stapler for applying above staples......85

CORRUGATED BOXES

Top Quality 2 in. Lids

200-lb. Test 10 100

48 in. x 16 x 8.....\$6.00 \$49.00

48 in. x 18 x 10..... 8.00 69.00

60 in. x 18 x 10..... 8.70 77.00

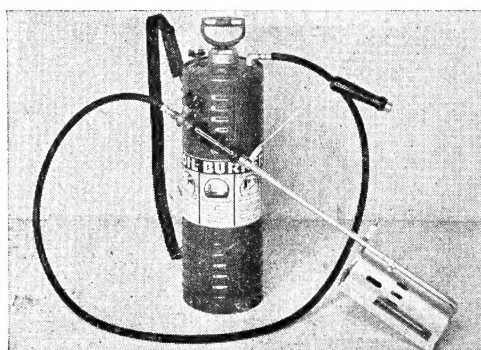
72 in. x 18 x 10..... 9.50 86.50

50 at 100 rate

Ask for prices on larger quantities.

AEROIL BURNER

Burns 6% Kerosene, 94% Air

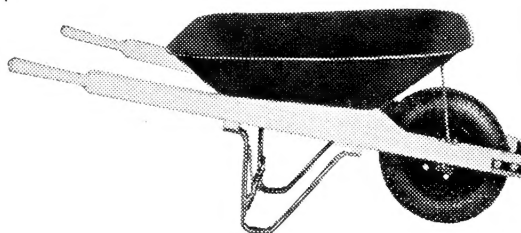


For destroying any kind of weed or brush, killing stems, roots and seeds. Burner can be used with any type compression tank. Also used for thawing.

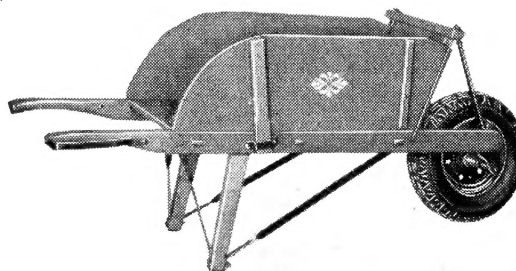
No. 99 Giant. Complete with 5-gal. tank. Delivers flame 4 in. x 3 ft. \$27.25

No. 99 Senior. Complete with 4-gal. tank. Flame 3 in. x 2 $\frac{1}{2}$ ft. 22.00

WHEELBARROWS



Steel Tray. 4 cu. ft. as shown above. Roller bearing wheels. Heavy duty tire. Complete \$29.95.



Fleck's Greenhouse Wheelbarrow. Narrowest made. Extreme width 20 in., which includes protective hand guards. With ball-bearing wheel and heavy duty tire. Each \$32.00.

With plain bearing wheel and heavy duty tire. Each \$29.30.

No. 1 Wooden Barrow. Largest size made. Roller bearings and heavy duty tire. \$37.00.

Paints

TOP QUALITY ONLY

Rust Preventive Aluminum Paint.

Gal.....\$6.45 5 gals.....\$29.95

Greenhouse White Interior. Mildewproof

Gal.....\$5.25 5 gals.....\$24.00

Greenhouse White Exterior.

Gal.....\$4.40 5 gals.....\$20.00

Outside 100% Pure Oil Base.

Gal.....\$5.25 5 gals.....\$24.00

Brilliant Aluminum Enamel. Heat resisting to 700 deg. F. Resists rust and corrosion. A fine, glossy, long wearing finish, recommended for all jobs where good results are expected.

Gal.....\$4.20 5 gals.....\$19.60

Carter's Aluminum High Heat Resistance. 1,200 deg. Rust preventive paint.

Gal.....\$6.95 5 gals.....\$34.50

Carter's Rust Preventive White.

Gal.....\$6.95 5 gals.....\$34.00

FUMI-COVERS

This is the modern No. 4 gge. Vinyl Film for use with liquid soil fumigants. Completely gas tight and moisture proof. Write for full descriptive circular or sent with your order.

Size

13 ft. x 100 ft.....\$42.50

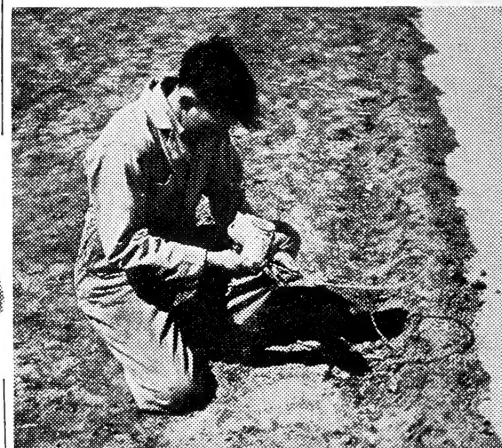
10 ft. x 100 ft..... 32.00

10 ft. x 150 ft..... 45.00

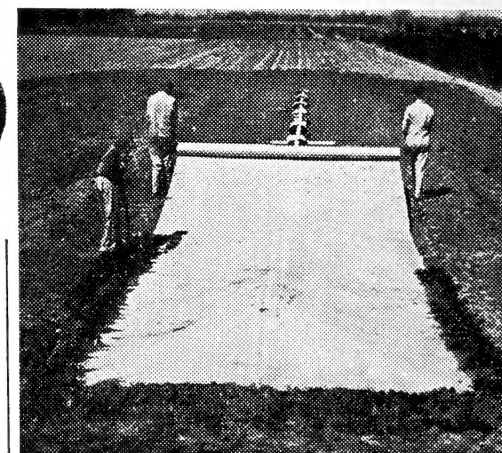
6 $\frac{1}{2}$ ft. x 150 ft..... 32.00

SARAN TUBES AND DOW FUME

See page 77 of our General Catalog



Applying Dow M. C. 2

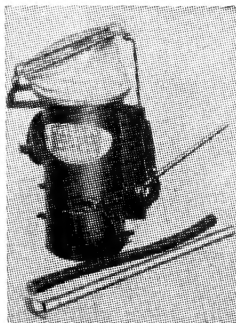


Spreading Cover

FLECK'S GREENHOUSE SUPPLIES

CHAMPION SPRAYERS AND DUSTERS

About the best made today. Simple, sturdy construction. Wearing parts easily replaced at low cost.

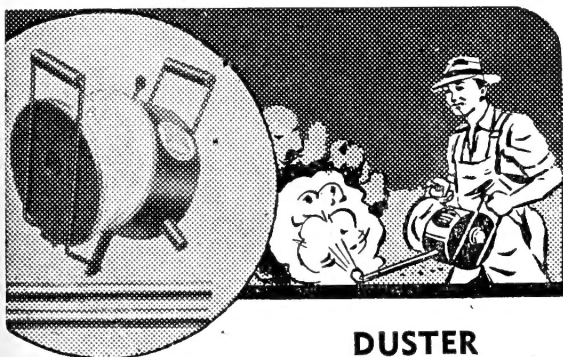


KNAPSACK SPRAYERS

Duster No. 102

Brass.....\$29.90

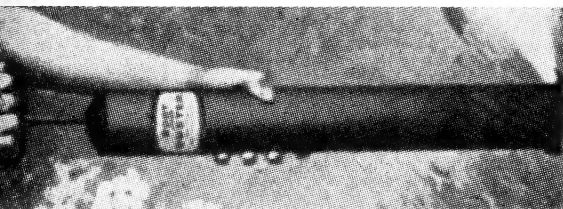
Both of these are 5-gal. capacity. Complete Extra 2 ft. Gun Extension. Each \$1.60



DUSTER

No. 103—Hand model, works like an accordion. Holds 5 lbs. \$9.85.

No. 102. Holds 25 lbs. of dusting powders. Double action. Shoots powder as high as 30 ft. Complete, \$27.95.



No. 1 PI (Root)—An excellent dust pump for small jobs (adjustable to throw dust in any direction. Holds 1 to 2 lbs. Each \$2.65.

AUTO POP-NOZZLE ATTACHMENT

Flow instantly controlled by pressure of hand. Each \$2.75.

HAND SPRAYER

Smith—1-qt. continuous sprayer. Made of brass tubing and copper canister. Will last a lifetime.....\$4.50



PARAGON SPRAYERS



- No. 00—3½-5 gal., complete equipment.....\$19.95
- No. 1—6-gal., complete equipment... 24.75
- No. 3—12-gal., complete equipment with 1 or 2-wheel steel truck..... 33.95
- No. 3—Complete without truck..... 28.25
- No. 3 P.A.—4-gal. auxiliary compression tank, with hose connection, air gauge and mounting brackets. Eliminates continuous pumping. Can be attached to any 12-gal. sprayer with truck. Extreme width 18 in. 19.50
- No. 4—28-gal., mounted on wheels and complete equipment..... 54.75
- No. 5—Complete, mounted on detachable all steel truck; 50 gal. ... 97.95
- Leather Cup Washers. 45c. each, 3 for \$1.20.
- Air Gauge. For any sprayer, \$2.75 extra. F.O.B. Harrison, Ohio

PARAGON POWER SPRAYERS

Paragon Power Sprayer, No. 3GM. 20-gal. tank. \$245.00.

SPRAY NOZZLES

- Adjustable Spray Nozzle. For all pressure sprayers. Each \$2.25.
- No. 59—Double Nozzle with 8 in. copper tubing. Each \$4.00.
- No. 89—Weed Control Boom. \$7.95.
- No. 90—Teejet Nozzle. \$1.90.

SLIDE SPRAYER No. 202



An inexpensive sprayer. Works by sliding tube back and forth, drawing spray solution from a bucket. Can be used for paint or whitewash. Wearing parts replaceable at small cost. Each \$6.95.

GLAZING AIDS



Zinc Glazing Points. Sizes ⅝, ¾, 7⁄8. Lb. 85c., 5 lbs. 80c. per lb., 10 lbs. 75c. per lb., 25 lbs. 70c. per lb.

Ask for price on larger quantities.



Fleck's Glazing Staples, Zinc Coated

- | Size | Dimensions | 1000 |
|-------------------------|---------------------------------|--------|
| No. 2 | —5/16 in. wide x 5/8 in. long | \$0.80 |
| For single thick glass. | | |
| No. 2½ | —6/16 in. wide x 11/16 in. long | .90 |
| For double thick glass. | | |

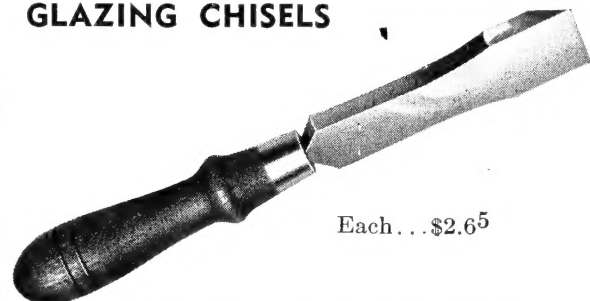
Copper Brads. ¾ in.—lb.....90c.



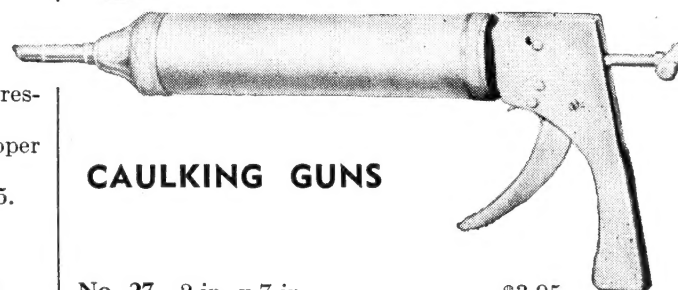
Glazing Hammers. Each \$2.05.

Glass Cutters. Very good grade. Inexpensive. Each 35c., 3 for \$1.00, doz. \$2.95.

GLAZING CHISELS



Each...\$2.65



CAULKING GUNS

- No. 27—2 in. x 7 in.\$3.95
- No. 32—The kind the experts use. 2 in. x 10 in. barrel. Capacity, 32 cubic inches. Contains two extra, heavy treated leather plunger cups and spring expander. Three various size nozzles supplied with each gun. Price, \$4.50 complete.
- No. 45—14 in. barrel.....\$6.45

CAULKING COMPOUND

Gun Grade No. 1—This is the best made for greenhouse use. Super plastic 100% non-staining or non-oil exudent. Never dries out, cracks or crumbles. Adheres to any surface. Brilliant white. 50c. per cwt. on freight allowed on order for 200 lbs. or more. Gal. \$3.45, 5 gals. \$15.85, 55-gal. drum \$149.00.



WHITE SHADING COMPOUND

- 10 lbs.....\$1.70
- 25 lbs..... 3.25
- 50 lbs..... 6.75
- 100 lbs.....12.50

Begonia

FIBROUS-ROOTED—ALL THE BEST



FRACILIS TYPES—6 to 10 in.

Dwarf and Medium Tall Varieties	Tr. pkt.	1/64 oz.	1/32 oz.
Adeline. Rich rose pink. Green foliage. Dwarf, compact. Very similar to Pink Pearl.....	\$1.00	\$2.50	\$4.50
Ball Red. Bright red; medium dwarf.....	1.00	2.50	4.50
Ball Deep Rose. Deep rosy red which gradually fades to a luminous pink. Green foliage.....	1.00	2.50	4.50
Carmen. Clear rose pink, greenish bronze foliage; 8 to 10 in. Makes a beautiful pot plant.....	1.00	2.25	4.00
Indian Maid. Similar in habit of growth to Carmen with reddish, dark bronze foliage. Bright scarlet.....	1.00	2.25	4.00
King of the Reds. Glowing scarlet, foliage green with bronze edge.....	1.00	2.25	4.00
Luminosa. Rich deep scarlet with dark foliage. Very floriferous. Height 10 in...	1.00	2.25	4.00
Luminosa compacta. Dwarf growing in perfect little global plants; 6 to 8 in. red- dish brown foliage.....	1.00	2.75	5.00
Prima Donna. Rose pink.....	1.00	1.75	3.50
Snowbank. Finest white for pot plant sales. Light green foliage.....	1.00	2.25	4.00
Dwarf Mixed. Choice blend.....	1.00	2.50	4.50

SEMPERFLORENS—10 to 14 in.

Taller Varieties

Christmas Cheer. Brilliant cherry crim- son of distinct shade; large bronze foliage.	\$1.00	\$1.75	\$3.25
Ile de France. Snow white, exceedingly large flowers; light green foliage.....	1.00	2.00	3.50
Masterpiece. Pure rose pink; large flowers; light green foliage.....	1.25	2.25	4.00
Scandinavia Pink. Large flowers, green foliage. Bright rose pink. Dwarf and bushy.....	1.00	2.50	4.50
Scandinavia Red. Bright carmine scarlet.	1.00	2.50	4.50
Scandinavia White	1.00	2.50	4.50
Special Mixed 1/16 oz. \$4.50,	1.00	2.00	3.00